



US005579060A

United States Patent [19]
Elberbaum

[11] Patent Number: 5,579,060
[45] Date of Patent: Nov. 26, 1996

[54] DATA TRANSMITTER FOR SELECTIVELY TRANSMITTING DATA TO RECEIVERS VIA TRANSMISSION LINES SWITCHED ON OR OVER IN SYNCHRONIZATION WITH AN EXTERNAL SYNCHRONIZING SIGNAL

4,943,864 7/1990 Elberbaum
4,989,085 1/1991 Elberbaum
5,054,022 10/1991 van Steenbrugge 348/706
5,335,014 8/1994 Elberbaum
5,343,193 8/1994 Shoda et al. 348/705

[75] Inventor: David Elberbaum, Tokyo, Japan

Primary Examiner—Victor R. Kostak
Attorney, Agent, or Firm—Helfgott & Karas, P.C.

[73] Assignee: Elbex Video, Ltd., Tokyo, Japan

[21] Appl. No.: 404,426

[57] ABSTRACT

[22] Filed: Mar. 15, 1995

An apparatus for selecting information signals includes a plurality of transmitters, each of which processes an electrical information signal preferably including a video signal. A plurality of receivers selectively receive that video signal. A plurality of information transmission lines connect each receiver to the plurality of transmitters. A generator for generating an external synchronizing signal generates and feeds an external synchronizing signal to the plurality of transmitters and the plurality of receivers.

[51] Int. Cl. 6 H04N 5/268

[52] U.S. Cl. 348/705; 348/706

[58] Field of Search 348/705, 706, 348/722, 461, 469, 473; 375/85.6; 340/825.5; H04N 5/268

[56] References Cited

U.S. PATENT DOCUMENTS

4,603,352 7/1986 Kaneta et al.

21 Claims, 12 Drawing Sheets

